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PLUS Search Results for S/N 10668054, Searched February 24, 2005

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6690918	6304753	5278892	5987024	6594242	6167266
6556825	6519248	5889770	5995830	6594258	6223046
6253193	6553006	6104712	6014558	6603972	6223046
6363488	6560216	5594740	6023625	6608828	6658011
6389402	6658259	5732214	6070076	6625135	6847610
6427140	6683881	6285868	6073030	6643279	5321229
6798763	6836477	5487065	6097966	6658235	5349162
5694335	5966649	5528583	6115412	6662017	5378874
6763013	5995831	5590125	6118778	6665537	5546467
6763014	5446736	5636216	6125122	6665722	5548635
5898831	5490139	5887022	6128287	6687259	6021324
5909183	5627829	5974036	6131030	6691173	6043461
5365573	6072768	6012012	6138158	6735184	6067570
5678172	6233463	6035178	6138025	6735441	6157958
5790936	6845091	6044141	6141388	6748233	6169789
6119155	H001895	6185412	RE36946	6751672	6175860
6163270	6006090	5210753	6157843	6751748	6282082
6314094	6469998	5239673	6178163	6763233	6292210
6776334	6628496	5274841	6185414	6771964	6405261
6246677	5757783	5371794	6208959	6788926	6480587
5566173	6070070	5384777	6212175	6795418	6498939
5590405	5875430	5410543	6219793	6798761	6611740
6456845	6466964	5436905	6212175	6804208	6708203
6233577	6218931	5450616	6219793	6813503	6759946
6823381	6218931	5497424	6230005	6819932	6198728
5914672	6418146	5515509	6230012	6829473	5508707
6137423	5272585	5528693	6240069	6845087	5570412
6653933	6263437	5533026	6266533	6848008	5602903
6822945	6477565	5570366	6272129	6859463	5768267
5901362	6388581	5572528	6301239	6542813	5960341
6549786	5696903	5594731	6301479	6735518	5958018
5737328	6671737	5596301	6324281	6070199	6067297
6049533	5542120	5612991	6330448	6078575	6438117
6314163	5974369	5612948	6352478	6094660	5570415
6421731	6621823	5654959	6356763	6229802	6124791

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6754192	6711613	5696699	6360264	6563811	6826301
6847889	4567557	5699356	6373930	6594253	5724346
6751455	6377608	5717688	6385451	6628943	5809115
6782527	6430395	5729680	6397055	6640097	6021327
6704568	6782253	5812531	6405028	6788660	6141347
6847654	6842460	5862491	6424639	6795705	6199136
5734699	6847823	5875186	6430698	6804221	6434447
5999813	6608831	5878132	6434139	5974237	5243530
6212395	6081708	5905954	6445716	6754188	5894450
6212395	5901352	5912932	6459893	6795857	5374231
5903845	5970416	5917629	6504839	6104931	5848064
6011790	5793762	5940381	6516189	6006098	5790536
6101380	5832379	5953507	6539225	6097960	5794145
6275943	5940753	5956331	6578085	6128495	5978679
6304556	5995832	5974236	6580981	6134447	6031830

10668054_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10668054 on February 24, 2005

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37  370/338      (17 OR, 20 XR)
      Class 370 : MULTIPLEX COMMUNICATIONS
      370/310      COMMUNICATION OVER FREE SPACE
      370/328      .Having a plurality of contiguous regions
                    served by respective fixed stations
      370/338      ..Contiguous regions interconnected by a local
                    area network

21  370/401      (3 OR, 18 XR)
      Class 370 : MULTIPLEX COMMUNICATIONS
      370/351      PATHFINDING OR ROUTING
      370/389      .Switching a message which includes an address
                    header
      370/400      ..Having a plurality of nodes performing
                    distributed switching
      370/401      ...Bridge or gateway between networks

20  370/331      (13 OR, 7 XR)
      Class 370 : MULTIPLEX COMMUNICATIONS
      370/310      COMMUNICATION OVER FREE SPACE
      370/328      .Having a plurality of contiguous regions
                    served by respective fixed stations
      370/329      ..Channel assignment
      370/331      ...Hand-off control

19  455/445      (2 OR, 17 XR)
      Class 455 : TELECOMMUNICATIONS
      455/403      RADIOTELEPHONE SYSTEM
      455/422.1    .Zoned or cellular telephone system
      455/445      ..Call routing (e.g., to prevent backhaul,
                    routing efficiency, least cost, or alternat
e routing)

18  370/352      (6 OR, 12 XR)
      Class 370 : MULTIPLEX COMMUNICATIONS
      370/351      PATHFINDING OR ROUTING
      370/352      .Combined circuit switching and packet
                    switching

18  455/433      (6 OR, 12 XR)
      Class 455 : TELECOMMUNICATIONS
      455/403      RADIOTELEPHONE SYSTEM
      455/422.1    .Zoned or cellular telephone system

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455/432.1 ..Roaming
 455/433 ...Home location registration (HLR) or visitor
 location registration (VLR) detail

16 455/436 (3 OR, 13 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/436 ..Handoff

14 370/349 (6 OR, 8 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/345 .Combining or distributing information via tim
 e
 channels
 370/349 ..Using messages having an address field as
 header

10 370/337 (4 OR, 6 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/328 .Having a plurality of contiguous regions
 served by respective fixed stations
 370/329 ..Channel assignment
 370/336 ...Combining or distributing information via
 time channels
 370/337Multiple access (e.g., TDMA)

10 455/426.1 (7 OR, 3 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/426.1 ..Including other radio communication system
 (e.g., cordless telephone, paging, trunking
 , etc.)

10 455/560 (0 OR, 10 XR)
 Class 455 : TELECOMMUNICATIONS
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
 ,
 TRANSCEIVER)
 455/550.1 .Radiotelephone equipment detail
 455/560 ..Switching unit detail (e.g., mobile telephon
 e
 switching office (MTSO), base station contr
 oller (BSC),
 etc.)

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9 455/414.1 (5 OR, 4 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/414.1 .Special service

9 455/432.1 (2 OR, 7 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/432.1 ..Roaming

9 455/437 (2 OR, 7 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/436 ..Handoff
 455/437 ...Mobile assisted or initiated

9 455/461 (4 OR, 5 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/461 .Including personal numbering system (i.e.,
 intelligent network for subscriber tracking
 or follow-me
 subscriber feature)

9 709/227 (4 OR, 5 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING
 709/200 MULTICOMPUTER DATA TRANSFERRING
 709/227 .Computer-to-computer session/connection
 establishing

8 370/312 (2 OR, 6 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/312 .Message addressed to multiple destinations

8 455/422.1 (3 OR, 5 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system

8 455/439 (0 OR, 8 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM

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455/422.1 .Zoned or cellular telephone system
 455/436 ..Handoff
 455/439 ...Handoff initiated by another source (e.g.,
 target, user initiated, mobile switching ce
 nter (MSC), or
 mobile telephone switching office (MTSO), e
 tc.)

8 455/442 (3 OR, 5 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/436 ..Handoff
 455/442 ...Soft handoff

8 455/456.1 (2 OR, 6 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/456.1 ..Location monitoring

8 455/466 (1 OR, 7 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/466 .Auxiliary data signaling (e.g., short message
 service (SMS))

7 370/466 (3 OR, 4 XR)

Class 370 : MULTIPLEX COMMUNICATIONS
 370/464 COMMUNICATION TECHNIQUES FOR INFORMATION
 CARRIED IN PLURAL CHANNELS
 370/465 .Adaptive
 370/466 ..Converting between protocols

7 370/468 (0 OR, 7 XR)

Class 370 : MULTIPLEX COMMUNICATIONS
 370/464 COMMUNICATION TECHNIQUES FOR INFORMATION
 CARRIED IN PLURAL CHANNELS
 370/465 .Adaptive
 370/468 ..Assignment of variable bandwidth or time
 period for transmission or reception

7 455/423 (3 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/423 ..Diagnostic testing, malfunction indication,
 or electrical condition measurement

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7 709/223 (1 OR, 6 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
 RDINATING
 709/200 MULTICOMPUTER DATA TRANSFERRING
 709/223 .Computer network managing

7 709/250 (3 OR, 4 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
 RDINATING
 709/200 MULTICOMPUTER DATA TRANSFERRING
 709/250 .Network-to-computer interfacing

6 340/310.01 (2 OR, 4 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/286.01 SYSTEMS
 340/310.01 .Signal over power line

6 370/328 (2 OR, 4 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/328 .Having a plurality of contiguous regions
 served by respective fixed stations

6 370/347 (0 OR, 6 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/345 .Combining or distributing information via tim
 e
 channels
 370/347 ..Multiple access (e.g., TDMA)

6 370/469 (0 OR, 6 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/464 COMMUNICATION TECHNIQUES FOR INFORMATION
 CARRIED IN PLURAL CHANNELS
 370/465 .Adaptive
 370/469 ..Processing multiple layer protocols

6 455/406 (3 OR, 3 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/405 .Usage measurement
 455/406 ..Billing

6 455/410 (3 OR, 3 XR)

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Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/410 .Security or fraud prevention

6 455/434 (0 OR, 6 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/434 ..Control or access channel scanning

6 455/435.1 (3 OR, 3 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/435.1 ..Registration

6 455/555 (1 OR, 5 XR)
 Class 455 : TELECOMMUNICATIONS
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
 TRANSCEIVER)
 455/550.1 .Radiotelephone equipment detail
 455/555 ..Wireless private branch exchange (PBX) (i.e.
 wireless link to extension unit)

6 709/238 (1 OR, 5 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
 RDINATING
 709/200 MULTICOMPUTER DATA TRANSFERRING
 709/238 .Computer-to-computer data routing

5 340/310.02 (2 OR, 3 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/286.01 SYSTEMS
 340/310.01 .Signal over power line
 340/310.02 ..Modulation technique

5 340/870.02 (2 OR, 3 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,
 TELEMETERING)
 340/870.02 .With meter reading

5 370/329 (3 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE

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370/328 .Having a plurality of contiguous regions
served by respective fixed stations

370/329 ..Channel assignment

5 370/392 (0 OR, 5 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/351 PATHFINDING OR ROUTING
370/389 .Switching a message which includes an address
header
370/392 ..Processing of address header for routing, pe
r
se

5 370/397 (1 OR, 4 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/351 PATHFINDING OR ROUTING
370/389 .Switching a message which includes an address
header
370/395.1 ..Message transmitted using fixed length
packets (e.g., ATM cells)
370/396 ...Distributed switching
370/397Employing logical addressing for routing
(e.g., VP or VC)

5 455/12.1 (1 OR, 4 XR)
Class 455 : TELECOMMUNICATIONS
455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,
RETRANSMISSION OF SAME INFORMATION)
455/11.1 .Portable or mobile repeater
455/12.1 ..Space satellite

5 455/456.2 (3 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM
455/422.1 .Zoned or cellular telephone system
455/456.1 ..Location monitoring
455/456.2 ...Based on request signal

5 455/557 (2 OR, 3 XR)
Class 455 : TELECOMMUNICATIONS
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
TRANSCIVER)
455/550.1 .Radiotelephone equipment detail
455/557 ..Interface attached device (e.g., interface
with modem, facsimile, computer, etc.)

5 709/229 (0 OR, 5 XR)

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Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/227 :Computer-to-computer session/connection
establishing

709/229 ..Network resources access controlling

5 713/201 (4 OR, 1 XR)

Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: SUPPORT

713/200 SECURITY

713/201 .Computer network

4 219/506 (1 OR, 3 XR)

Class 219 : ELECTRIC HEATING

219/260 .Resistive element: igniter type

219/482 .With power supply and voltage or current
regulation or current control means

219/490 ..Automatic regulating or control means

219/506 ...With signal or indicating means

4 340/310.06 (0 OR, 4 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/286.01 SYSTEMS

340/310.01 .Signal over power line

340/310.06 ..Bidirectional (e.g., with transceiver)

4 370/346 (2 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

370/345 .Combining or distributing information via tim
e
channels

370/346 ..Polling

4 370/389 (3 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING

370/389 .Switching a message which includes an address
header

4 370/402 (2 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING

370/389 .Switching a message which includes an address
header

370/400 ..Having a plurality of nodes performing

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distributed switching
 370/401 ...Bridge or gateway between networks
 370/402Bridge between bus systems

4 370/463 (2 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/431 CHANNEL ASSIGNMENT TECHNIQUES
 370/463 .Details of circuit or interface for connectin

g

user to the network

4 379/219 (0 OR, 4 XR)
 Class 379 : TELEPHONIC COMMUNICATIONS
 379/219 PLURAL EXCHANGE NETWORK OR INTERCONNECTION

4 379/90.01 (0 OR, 4 XR)
 Class 379 : TELEPHONIC COMMUNICATIONS
 379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
 ELECTRICAL SYSTEM OR SIGNALLING (E.G., COMP

OSITE)

4 455/403 (1 OR, 3 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM

4 455/408 (2 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/405 .Usage measurement
 455/406 ..Billing
 455/408 ...At remote station

4 455/424 (1 OR, 3 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/423 ..Diagnostic testing, malfunction indication,
 or electrical condition measurement
 455/424 ...System equipment

4 455/428 (1 OR, 3 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/427 ..Space satellite
 455/428 ...Switching or routing

4 455/456.5 (1 OR, 3 XR)

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Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/456.1 ..Location monitoring

455/456.5 ...At system equipment (i.e., base station)

4 455/517 (0 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more than two stations)

455/507 ..Central station (e.g., master, etc.)

455/517 ...To or from mobile station

4 455/525 (1 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more than two stations)

455/507 ..Central station (e.g., master, etc.)

455/517 ...To or from mobile station

455/524Multiple base stations

455/525Base station selection

4 455/552.1 (1 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail

455/552.1 ..Operable on more than one system

4 455/553.1 (0 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail

455/552.1 ..Operable on more than one system

455/553.1 ...Radiotelephone having plural transceivers (e.g., for analog and digital, trunking and cellular, etc.)

4 455/67.11 (0 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS

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455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/67.11 .Having measuring, testing, or monitoring of
system or part

4 709/203 (0 OR, 4 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/201 .Distributed data processing

709/203 ..Client/server

4 709/224 (3 OR, 1 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/223 .Computer network managing

709/224 ..Computer network monitoring

4 709/225 (1 OR, 3 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/223 .Computer network managing

709/225 ..Computer network access regulating

4 709/230 (1 OR, 3 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/230 .Computer-to-computer protocol implementing

4 709/239 (0 OR, 4 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/238 .Computer-to-computer data routing

709/239 ..Alternate path routing

3 219/445.1 (3 OR, 0 XR)

Class 219 : ELECTRIC HEATING

219/260 .Resistive element: igniter type

219/385 .Combined with container, enclosure, or suppor

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t
r
c.)

219/443.1 for material to be heated
..Exposed horizontal planar support surface fo
material to be heated (e.g., hot plate, et

219/445.1 ...With indicator

3 340/3.1 (0 OR, 3 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/3.1 .Monitoring in addition to control (e.g.,
supervisory)

3 340/3.44 (0 OR, 3 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/3.1 .Monitoring in addition to control (e.g.,
supervisory)
340/3.43 ..Fault condition detection
340/3.44 ...Control to correct fault

3 340/310.03 (0 OR, 3 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/286.01 SYSTEMS
340/310.01 .Signal over power line
340/310.03 ..Noise reduction (e.g., filtering)

3 340/988 (0 OR, 3 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/988 VEHICLE POSITION INDICATION

3 340/990 (0 OR, 3 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/988 VEHICLE POSITION INDICATION
340/989 .At remote location
340/990 ..With map display

3 342/457 (1 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/450 .Position indicating (e.g., triangulation)
342/457 ..Land vehicle location (e.g., bus, police car

3 370/252 (1 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS

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370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION
)

370/252 .Determination of communication parameters

3 370/310 (1 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE

3 370/335 (1 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/328 .Having a plurality of contiguous regions
 served by respective fixed stations
 370/329 ..Channel assignment
 370/335 ...Combining or distributing information via
 code word channels using multiple access te
 chniques (e.g.,
 .CDMA)

3 370/342 (1 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/342 ..Combining or distributing information via cod
 e
 word channels using multiple access techniq
 ues (e.g., CDMA)

3 370/354 (1 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/351 PATHFINDING OR ROUTING
 370/352 ..Combined circuit switching and packet
 switching
 370/354 ..Switching network having separate elements t
 o
 handle circuit switched traffic and packet
 switched traffic

3 370/400 (1 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/351 PATHFINDING OR ROUTING
 370/389 ..Switching a message which includes an address
 header
 370/400 ..Having a plurality of nodes performing
 distributed switching

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3 370/404 (0 OR, 3 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/351 PATHFINDING OR ROUTING
 370/389 .Switching a message which includes an address
 header
 370/400 ..Having a plurality of nodes performing
 distributed switching
 370/401 ...Bridge or gateway between networks
 370/402Bridge between bus systems
 370/403At least one bus is a ring network
 370/404Ring or loop forms backbone for
 interconnecting other networks

3 370/410 (0 OR, 3 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/351 PATHFINDING OR ROUTING
 370/389 .Switching a message which includes an address
 header
 370/400 ..Having a plurality of nodes performing
 distributed switching
 370/410 ...Having a signaling feature

3 375/132 (2 OR, 1 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/130 SPREAD SPECTRUM
 375/132 .Frequency hopping

3 379/110.01 (3 OR, 0 XR)
 Class 379 : TELEPHONIC COMMUNICATIONS
 379/110.01 COMPOSITE SUBSTATION OR TERMINAL (E.G., HAVING
 CALCULATOR, RADIO)

3 380/30 (0 OR, 3 XR)
 Class 380 : CRYPTOGRAPHY
 380/28 PARTICULAR ALGORITHMIC FUNCTION ENCODING
 380/30 .Public key

3 455/11.1 (0 OR, 3 XR)
 Class 455 : TELECOMMUNICATIONS
 455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,
 RETRANSMISSION OF SAME INFORMATION)
 455/11.1 .Portable or mobile repeater

3 455/405 (2 OR, 1 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/405 .Usage measurement


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3  455/412.1      (1 OR, 2 XR)      -
      Class 455 :  TELECOMMUNICATIONS
      455/403      RADIOTELEPHONE SYSTEM
      455/412.1    .Message storage or retrieval

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3  455/426.2      (0 OR, 3 XR)
    Class 455 : TELECOMMUNICATIONS
    455/403      RADIOTELEPHONE SYSTEM
    455/422.1    .Zoned or cellular telephone system
    455/426.2    ..Wireless service for fixed premises equipmen

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3  455/427      (2 OR, 1 XR)
    Class 455 :  TELECOMMUNICATIONS
    455/403      RADIOTELEPHONE SYSTEM
    455/422.1    .Zoned or cellular telephone system
    455/427      ..Space satellite

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3  455/450      (0 OR, 3 XR)
    Class      455 :  TELECOMMUNICATIONS
    455/403      RADIOTELEPHONE SYSTEM
    455/422.1    .Zoned or cellular telephone system
    455/450      ..Channel allocation

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3 455/462 (1 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/403 RADIOTELEPHONE SYSTEM

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455/462 .Including private cordless extension system

3 455/465 (0 OR, 3 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/465 .Including public cordless extension system

3 455/561 (0 OR, 3 XR)
 Class 455 : TELECOMMUNICATIONS
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
 TRANSCEIVER)
 455/550.1 .Radiotelephone equipment detail
 455/561 ..Base station detail

3 455/67.13 (1 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 455/67.11 .Having measuring, testing, or monitoring of
 system or part
 455/67.13 ..Noise, distortion, or unwanted signal
 detection (e.g., quality control, etc.)

3 455/69 (1 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
 455/68 .With control signal
 455/69 ..Transmitter controlled by signal feedback
 from receiver

3 701/209 (2 OR, 1 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/200 NAVIGATION
 701/207 .Employing position determining equipment
 701/208 ..For use in a map data base system
 701/209 ...Including route searching or determining
 device

3 705/53 (0 OR, 3 XR)
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
 ATION
 705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY
 705/51 .Usage protection of distributed data files
 705/52 ..Usage or charge determination

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705/53 ...Including third party for collecting or
distributing payment (e.g., clearinghouse)

3 709/201 (0 OR, 3 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/201 .Distributed data processing

3 709/217 (1 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/217 .Remote data accessing

3 709/220 (0 OR, 3 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/220 .Network computer configuring

3 709/222 (1 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/220 .Network computer configuring

709/222 ..Initializing

3 709/226 (0 OR, 3 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/223 .Computer network managing

709/226 ..Network resource allocating

3 709/243 (1 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/238 .Computer-to-computer data routing

709/243 ..Decentralized controlling

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3 709/246 (1 OR, 2 XR)
Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING
709/200 MULTICOMPUTER DATA TRANSFERRING
709/246 .Computer-to-computer data modifying

3 713/156 (1 OR, 2 XR)
Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: SUPPORT
713/150 MULTIPLE COMPUTER COMMUNICATION USING
CRYPTOGRAPHY
713/155 .Central trusted authority provides computer
authentication
713/156 ..By certificate

3 714/4 (2 OR, 1 XR)
Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY
714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING
714/1 .Reliability and availability
714/2 ..Fault recovery
714/3 ...By masking or reconfiguration
714/4Of network

3 719/321 (0 OR, 3 XR)
Class 719 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: INTERPROGRAM COMMUNICATION OR INTER
PROCESS
COMMUNICATION (IPC)
719/321 DEVICE DRIVER COMMUNICATION

2 324/110 (0 OR, 2 XR)
Class 324 : ELECTRICITY: MEASURING AND TESTING
324/76.11 MEASURING, TESTING, OR SENSING ELECTRICITY, PE
R
SE
324/110 .Meter protection or fraud combatting

2 340/310.05 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/286.01 SYSTEMS
340/310.01 .Signal over power line
340/310.05 ..Impedance matching (e.g., Y-match or delta
match)

2 340/310.08 (0 OR, 2 XR)

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Class 340 : COMMUNICATIONS: ELECTRICAL
 340/286.01 SYSTEMS
 340/310.01 .Signal over power line
 340/310.08 ..With coupling plug

2 340/539.1 (1 OR, 1 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL
 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
 340/531 .With particular coupling link
 340/539.1 ..Radio

2 340/825.36 (0 OR, 2 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL
 340/825 SELECTIVE
 340/825.36 .Having indication or alarm (e.g., location indication)

2 340/870.03 (0 OR, 2 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL
 340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,
 TELEMETERING)
 340/870.02 .With meter reading
 340/870.03 ..Having plural transmitters

2 340/870.11 (0 OR, 2 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL
 340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,
 TELEMETERING)
 340/870.11 .Plural transmitters

2 340/905 (0 OR, 2 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL
 340/901 EXTERNAL CONDITION VEHICLE-MOUNTED INDICATOR O

R

ALARM

340/905 .Highway information (e.g., weather, speed limits, etc.)

2 340/995.1 (0 OR, 2 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL
 340/988 VEHICLE POSITION INDICATION
 340/995.1 .Map display

2 340/995.13 (0 OR, 2 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL
 340/988 VEHICLE POSITION INDICATION
 340/995.1 .Map display
 340/995.12 ..Transmission of map data to vehicle

340/995.13 ...Traffic information

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- 370/310 COMMUNICATION OVER FREE SPACE
- 370/315 .Repeater

- 2 370/316 (1 OR, 1 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/310 COMMUNICATION OVER FREE SPACE
 - 370/315 .Repeater
 - 370/316 ..Airborne or space satellite repeater

- 2 370/330 (0 OR, 2 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/310 COMMUNICATION OVER FREE SPACE
 - 370/328 .Having a plurality of contiguous regions
served by respective fixed stations
 - 370/329 ..Channel assignment
 - 370/330 ...Having both time and frequency assignment

- 2 370/332 (1 OR, 1 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/310 COMMUNICATION OVER FREE SPACE
 - 370/328 .Having a plurality of contiguous regions
served by respective fixed stations
 - 370/329 ..Channel assignment
 - 370/331 ...Hand-off control
 - 370/332Based upon a particular signal quality
measurement

- 2 370/336 (1 OR, 1 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/310 COMMUNICATION OVER FREE SPACE
 - 370/328 .Having a plurality of contiguous regions
served by respective fixed stations
 - 370/329 ..Channel assignment
 - 370/336 ...Combining or distributing information via
time channels

- 2 370/351 (0 OR, 2 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/351 PATHFINDING OR ROUTING

- 2 370/356 (1 OR, 1 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/351 PATHFINDING OR ROUTING
 - 370/352 .Combined circuit switching and packet
switching
 - 370/356 ..Routing circuit switched traffic through a
packet switching network

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2 370/395.53 (0 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/351 PATHFINDING OR ROUTING
 370/389 .Switching a message which includes an address header
 370/395.1 ..Message transmitted using fixed length packets (e.g., ATM cells)
 370/395.5 ...Multiprotocol network
 370/395.53Emulated LAN (LANE/ELAN/VLAN, e.g., Ethernet or token ring legacy LAN over a single ATM network/LAN)

2 370/408 (0 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/351 PATHFINDING OR ROUTING
 370/389 .Switching a message which includes an address header
 370/400 ..Having a plurality of nodes performing distributed switching
 370/408 ...Nodes interconnected in hierarchy to form a tree

2 370/432 (0 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/431 CHANNEL ASSIGNMENT TECHNIQUES
 370/432 .Messages addressed to multiple destinations

2 370/445 (1 OR, 1 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/431 CHANNEL ASSIGNMENT TECHNIQUES
 370/445 .Carrier sense multiple access (CSMA)

2 370/447 (0 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/431 CHANNEL ASSIGNMENT TECHNIQUES
 370/445 .Carrier sense multiple access (CSMA)
 370/447 ..Arbitration for access between contending stations

2 370/449 (0 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/431 CHANNEL ASSIGNMENT TECHNIQUES
 370/449 .Polling

2 370/467 (0 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/464 COMMUNICATION TECHNIQUES FOR INFORMATION

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CARRIED IN PLURAL CHANNELS

370/465 .Adaptive
 370/466 ..Converting between protocols
 370/467 ...Conversion between signaling protocols

2 370/473 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/464 COMMUNICATION TECHNIQUES FOR INFORMATION
 CARRIED IN PLURAL CHANNELS

370/465 .Adaptive
 370/473 ..Transmission of a single message having
 multiple packets

2 375/130 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/130 SPREAD SPECTRUM

2 379/102.03 (1 OR, 1 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
 ELECTRICAL SYSTEM OR SIGNALLING (E.G., C

OMPOSITE)

379/102.01 .Remote control
 379/102.02 ..Communication device
 379/102.03 ...Entertainment appliance (e.g., TV, VCR,
 radio, etc.)

2 379/106.03 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
 ELECTRICAL SYSTEM OR SIGNALLING (E.G., CO

MPOSITE)

379/106.01 .Remote indication over telephone line (e.g.,
 telemetry)
 379/106.03 ..Meter reading

2 379/114.2 (0 OR, 2 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/111 WITH USAGE MEASUREMENT (E.G., CALL OR TRAFFIC
 REGISTER)

379/114.01 .Call charge metering or monitoring
 379/114.15 ..Calling card
 379/114.2 ...Pre-paid calling account or card

2 379/114.28 (1 OR, 1 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/111 WITH USAGE MEASUREMENT (E.G., CALL OR TRAFFIC
 REGISTER)

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379/114.01 .Call charge metering or monitoring
379/114.28 ..Advanced intelligent billing network (e.g.,

a

billing service control processor)

2 379/93.05 (1 OR, 1 XR)

Class 379 : TELEPHONIC COMMUNICATIONS

379/90.01 TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE
ELECTRICAL SYSTEM OR SIGNALLING (E.G., CO

MPOSITE)

379/93.01 .Having transmission of a digital message
signal over a telephone line

379/93.05 ..Terminal interface circuitry

2 380/273 (0 OR, 2 XR)

Class 380 : CRYPTOGRAPHY

380/255 COMMUNICATION SYSTEM USING CRYPTOGRAPHY

380/270 .Wireless communication

380/273 ..Rekeying system

2 398/118 (0 OR, 2 XR)

Class 398 : OPTICAL COMMUNICATIONS

398/118 OPTICAL COMMUNICATION OVER FREE SPACE

2 455/13.1 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,
RETRANSMISSION OF SAME INFORMATION)

455/11.1 .Portable or mobile repeater

455/12.1 ..Space satellite

455/13.1 ...With plural repeater or relay systems

2 455/3.01 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/3.01 WIRELESS DISTRIBUTION SYSTEM

2 455/3.05 (2 OR, 0 XR)

Class 455 : TELECOMMUNICATIONS

455/3.01 WIRELESS DISTRIBUTION SYSTEM

455/3.05 .Two-way

2 455/41.2 (2 OR, 0 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/41.2 .Short range RF communication

2 455/411 (1 OR, 1 XR)

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Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/410 .Security or fraud prevention
 455/411 ..Privacy, lock-out, or authentication

2 455/413 (1 OR, 1 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/412.1 .Message storage or retrieval
 455/413 ..Voice mail

2 455/417 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/414.1 .Special service
 455/417 ..Call diversion

2 455/446 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/446 ..Including cell planning or layout

2 455/447 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/446 ..Including cell planning or layout
 455/447 ...Frequency reuse scheme

2 455/456.6 (1 OR, 1 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/456.1 ..Location monitoring
 455/456.6 ...At remote station (i.e., mobile station)

2 455/457 (1 OR, 1 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/456.1 ..Location monitoring
 455/457 ...Location display

2 455/463 (2 OR, 0 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/462 .Including private cordless extension system

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455/463 ..Multi-users

2 455/512 (2 OR, 0 XR)
 Class 455 : TELECOMMUNICATIONS
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

 455/500 .Plural transmitters or receivers (i.e., more
 than two stations)
 455/507 ..Central station (e.g., master, etc.)
 455/509 ...Channel allocation
 455/512 Based on priority

2 455/518 (1 OR, 1 XR)
 Class 455 : TELECOMMUNICATIONS
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

 455/500 .Plural transmitters or receivers (i.e., more
 than two stations)
 455/507 ..Central station (e.g., master, etc.)
 455/517 ...To or from mobile station
 455/518 Having talk group

2 455/522 (1 OR, 1 XR)
 Class 455 : TELECOMMUNICATIONS
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

 455/500 .Plural transmitters or receivers (i.e., more
 than two stations)
 455/507 ..Central station (e.g., master, etc.)
 455/517 ...To or from mobile station
 455/522 Transmission power control technique

2 455/524 (1 OR, 1 XR)
 Class 455 : TELECOMMUNICATIONS
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

 455/500 .Plural transmitters or receivers (i.e., more
 than two stations)
 455/507 ..Central station (e.g., master, etc.)
 455/517 ...To or from mobile station
 455/524 Multiple base stations

2 455/562.1 (1 OR, 1 XR)
 Class 455 : TELECOMMUNICATIONS
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

 455/550.1 .Radiotelephone equipment detail

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455/561 ..Base station detail
455/562.1 ...Having specific antenna arrangement

2 455/62 (0 OR, 2 XR)
Class 455 : TELECOMMUNICATIONS
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/62 .Optimum frequency selection

2 700/286 (0 OR, 2 XR)
Class 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR
 SPECIFIC APPLICATIONS
700/90 SPECIFIC APPLICATION, APPARATUS OR PROCESS
700/286 .Electrical power generation or distribution
 system

2 701/117 (1 OR, 1 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
 INDICATION
701/117 .Traffic analysis or control of surface vehicle

2 701/208 (1 OR, 1 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
701/208 ..For use in a map data base system

2 701/211 (0 OR, 2 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
701/208 ..For use in a map data base system
701/211 ...Having audio or visual route guidance

2 701/29 (2 OR, 0 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
 INDICATION
701/29 .Vehicle diagnosis or maintenance indication

2 705/1 (1 OR, 1 XR)

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Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN

ATION

705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
PRACTICE OR MANAGEMENT ARRANGEMENT

2 705/14 (0 OR, 2 XR)

Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN

ATION

705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
PRACTICE OR MANAGEMENT ARRANGEMENT

705/14 .Distribution or redemption of coupon, or
incentive or promotion program

2 705/57 (1 OR, 1 XR)

Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN

ATION

705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY

705/51 .Usage protection of distributed data files

705/57 ..Copy protection or prevention

2 705/80 (1 OR, 1 XR)

Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN

ATION

705/80 ELECTRONIC NEGOTIATION

2 707/10 (0 OR, 2 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT OR DATA STRUCTURES

707/1 DATABASE OR FILE ACCESSING

707/10 .Distributed or remote access

2 709/200 (0 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

2 709/202 (1 OR, 1 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/201 .Distributed data processing

709/202 ..Processing agent

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2	709/206	(1 OR, 1 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/204		.Computer conferencing
	709/206		..Demand based messaging
2	709/209	(0 OR, 2 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/208		.Master/slave computer controlling
	709/209		..Master/slave mode selecting
2	709/219	(1 OR, 1 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/217		.Remote data accessing
	709/219		..Accessing a remote server
2	709/228	(2 OR, 0 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/227		.Computer-to-computer session/connection establishing
	709/228		..Session/connection parameter setting
2	709/241	(1 OR, 1 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/238		.Computer-to-computer data routing
	709/241		..Least weight routing
2	709/242	(0 OR, 2 XR)	
	Class	709 :	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING			
	709/200		MULTICOMPUTER DATA TRANSFERRING
	709/238		.Computer-to-computer data routing

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709/242 ..Routing data updating

2 709/245 (0 OR, 2 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

 709/200 MULTICOMPUTER DATA TRANSFERRING
 709/245 .Computer-to-computer data addressing

2 709/249 (2 OR, 0 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

 709/200 MULTICOMPUTER DATA TRANSFERRING
 709/249 ..Multiple network interconnecting

2 710/10 (0 OR, 2 XR)
 Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA
 PROCESSING SYSTEMS: INPUT/OUTPUT
 710/1 INPUT/OUTPUT DATA PROCESSING
 710/8 .Peripheral configuration
 710/10 ..Configuration initialization

2 710/104 (0 OR, 2 XR)
 Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA
 PROCESSING SYSTEMS: INPUT/OUTPUT
 710/100 INTRASYSTEM CONNECTION (E.G., BUS AND BUS
 TRANSACTION PROCESSING)
 710/104 ..System configuring

2 710/105 (0 OR, 2 XR)
 Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA
 PROCESSING SYSTEMS: INPUT/OUTPUT
 710/100 INTRASYSTEM CONNECTION (E.G., BUS AND BUS
 TRANSACTION PROCESSING)
 710/105 ..Protocol

2 710/72 (0 OR, 2 XR)
 Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA
 PROCESSING SYSTEMS: INPUT/OUTPUT
 710/1 INPUT/OUTPUT DATA PROCESSING
 710/62 .Peripheral adapting
 710/72 ..Application-specific peripheral adapting

2 710/8 (0 OR, 2 XR)
 Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA
 PROCESSING SYSTEMS: INPUT/OUTPUT
 710/1 INPUT/OUTPUT DATA PROCESSING

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710/8 .Peripheral configuration

2 713/158 (0 OR, 2 XR)

Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: SUPPORT713/150 MULTIPLE COMPUTER COMMUNICATION USING
CRYPTOGRAPHY713/155 .Central trusted authority provides computer
authentication

713/156 ..By certificate

713/158 ...Revocation or expiration

2 713/202 (2 OR, 0 XR)

Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: SUPPORT

713/200 SECURITY

713/202 .Password

2 719/328 (0 OR, 2 XR)

Class 719 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: INTERPROGRAM COMMUNICATION OR INTER

PROCESS

719/328 COMMUNICATION (IPC)
APPLICATION PROGRAM INTERFACE (API)

2 719/331 (0 OR, 2 XR)

Class 719 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: INTERPROGRAM COMMUNICATION OR INTER

PROCESS

719/331 COMMUNICATION (IPC)
DYNAMIC LINKING, LATE BINDING

10668054_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10668054 on February 24, 2005

Original Classifications

17	370/338	✓
13	370/331	
7	455/426.1	✓
6	370/349	
6	370/352	
6	455/433	
5	455/414.1	✓
4	370/337	
4	455/461	✓
4	709/227	✓
4	713/201	
3	219/445.1	
3	370/329	
3	370/389	
3	370/401	
3	370/466	
3	379/110.01	
3	455/406	
3	455/410	
3	455/422.1	
3	455/423	
3	455/435.1	✓
3	455/436	
3	455/442	
3	455/456.2	
3	709/224	✓
3	709/250	✓
2	340/310.01	
2	340/310.02	
2	340/870.02	
2	370/312	
2	370/328	
2	370/346	
2	370/402	
2	370/463	
2	375/132	
2	455/3.05	
2	455/405	
2	455/408	
2	455/41.2	
2	455/427	
2	455/432.1	
2	455/437	

2 455/445
 2 455/456.1
 2 455/463 ✓
 2 455/512
 2 455/557
 2 701/209
 2 701/29
 2 709/228
 2 709/249
 2 713/202
 2 714/4

Cross-Reference Classifications

20 370/338
 18 370/401
 17 455/445
 13 455/436
 12 370/352
 12 455/433
 10 455/560
 8 370/349
 8 455/439
 7 370/331
 7 370/468
 7 455/432.1
 7 455/437
 7 455/466
 6 370/312
 6 370/337
 6 370/347
 6 370/469
 6 455/434
 6 455/456.1
 6 709/223
 5 370/392
 5 455/422.1
 5 455/442
 5 455/461
 5 455/555
 5 709/227
 5 709/229
 5 709/238
 4 340/310.01
 4 340/310.06
 4 370/328
 4 370/397
 4 370/466
 4 379/219

4 379/90.01
4 455/12.1
4 455/414.1
4 455/423
4 455/517
4 455/553.1
4 455/67.11
4 709/203
4 709/239
4 709/250
3 219/506
3 340/3.1
3 340/3.44
3 340/310.02
3 340/310.03
3 340/870.02
3 340/988
3 340/990
3 370/404
3 370/410
3 380/30
3 455/11.1
3 455/403
3 455/406
3 455/410
3 455/418
3 455/424
3 455/426.1
3 455/426.2
3 455/428
3 455/435.1
3 455/440
3 455/450
3 455/456.3
3 455/456.5
3 455/465
3 455/525
3 455/552.1
3 455/557
3 455/561
3 705/53
3 709/201
3 709/220
3 709/225
3 709/226
3 709/230
3 719/321
2 324/110

2 340/310.05
2 340/310.08
2 340/825.36
2 340/870.03
2 340/870.11
2 340/905
2 340/995.1
2 340/995.13
2 342/450
2 342/457
2 370/252
2 370/278
2 370/282
2 370/310
2 370/329
2 370/330
2 370/335
2 370/342
2 370/346
2 370/351
2 370/354
2 370/395.53
2 370/400
2 370/402
2 370/408
2 370/432
2 370/447
2 370/449
2 370/463
2 370/467
2 379/106.03
2 379/114.2
2 380/273
2 398/118
2 455/13.1
2 455/3.01
2 455/408
2 455/412.1
2 455/417
2 455/446
2 455/447
2 455/456.2
2 455/462
2 455/62
2 455/67.13
2 455/69
2 700/286
2 701/211

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2 705/14
2 707/10
2 709/200
2 709/209
2 709/217
2 709/222
2 709/242
2 709/243
2 709/245
2 709/246
2 710/10
2 710/104
2 710/105
2 710/72
2 710/8
2 713/156
2 713/158
2 719/328
2 719/331

Combined Classifications

37 370/338
21 370/401
20 370/331
19 455/445
18 370/352
18 455/433
16 455/436
14 370/349
10 370/337
10 455/426.1
10 455/560
9 455/414.1
9 455/432.1
9 455/437
9 455/461
9 709/227
8 370/312
8 455/422.1
8 455/439
8 455/442
8 455/456.1
8 455/466
7 370/466
7 370/468
7 455/423
7 709/223
7 709/250

6 340/310.01
6 370/328
6 370/347
6 370/469
6 455/406
6 455/410
6 455/434
6 455/435.1
6 455/555
6 709/238
5 340/310.02
5 340/870.02
5 370/329
5 370/392
5 370/397
5 455/12.1
5 455/456.2
5 455/557
5 709/229
5 713/201
4 219/506
4 340/310.06
4 370/346
4 370/389
4 370/402
4 370/463
4 379/219
4 379/90.01
4 455/403
4 455/408
4 455/424
4 455/428
4 455/456.5
4 455/517
4 455/525
4 455/552.1
4 455/553.1
4 455/67.11
4 709/203
4 709/224
4 709/225
4 709/230
4 709/239
3 219/445.1
3 340/3.1
3 340/3.44
3 340/310.03
3 340/988

3 340/990
3 342/457
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3 370/335
3 370/342
3 370/354
3 370/400
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3 370/410
3 375/132
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3 455/456.3
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3 714/4
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2 340/995.1

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2 370/408
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2 370/467
2 370/473
2 375/130
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2 379/106.03
2 379/114.2
2 379/114.28
2 379/93.05
2 380/273
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2 455/13.1
2 455/3.01
2 455/3.05
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2 455/524

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2 455/562.1
2 455/62
2 700/286
2 701/117
2 701/208
2 701/211
2 701/29
2 705/1
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2 705/57
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2 719/331